IN THE CLAIM

Please amend claims 1 and 22 and newly add claims 23 and 24 to read as follow:

1. (Currently Amended) A process for quantitating a human DNA in a sample, said process comprising the steps of:

providing a sample to be analyzed;

amplifying predetermined genomic DNA ~~containing~~ of an *Alu* element subfamily by using primers, said *Alu* element subfamily being more enriched in the human genome ~~compared to~~ than in any non-human primate genome~~primates genomes~~, the amplification being intra-*Alu* polymerase chain reaction amplification; and

measuring the amount of the human DNA by comparing the amplified DNA with a reference to quantitate the human DNA in the sample.

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Previously Presented) The process of claim 1, wherein the amplification is a polymerase chain reaction with the primers containing the following sequences:

5' CGAGGCGGGTGGATCATGAGGT 3'(SEQ ID NO: 3)

and

5' TCTGTCGCCCAGGCCGGACT 3' (SEQ ID NO: 4).

6. (Previously Presented) The process of claim 1, wherein the amplification is a polymerase chain reaction with the primers containing the following sequences:

5' GAGATCGAGACCACGGTGAAA 3' (SEQ ID NO: 5)

and

5' TTTGAGACGGAGTCTCGTT 3' (SEQ ID NO: 6).

7. (Previously Presented) The process of claim 1, wherein the measurement step comprises the step of measuring the amount of the human DNA on an agarose gel stained with ethidium bromide.

8. (Previously Presented) The process of claim 1, wherein the measurement step comprises the step of measuring the amount of the human DNA by using a qPCR system.

9. (Previously Presented) The process of claim 1, wherein the measurement step comprises the step of measuring the amount of the human DNA by using *Taq*Man chemistry.

Claims 10-20. (Canceled)

21. (Previously Presented) A process for quantitating a human DNA in a sample, said process comprising the steps of:

providing a sample to be analyzed;

amplifying predetermined genomic DNA containing an *Alu* element by using primers, said *Alu* element being present only in the human genome, the amplification being intra-*Alu* polymerase chain reaction amplification; and

measuring the amount of the human DNA by comparing the amplified DNA with a reference.

22. (Currently Amended) A process for quantitating a human DNA in a sample, said process comprising the steps of:

providing a sample to be analyzed;

amplifying predetermined genomic DNA ~~containing a young~~ of an *Alu* element subfamily by using primers, said predetermined genomic DNA including subfamily-specific diagnostic mutations, a copy number of said ~~young *Alu* element~~ predetermined genomic DNA in the human genome being higher than a copy number of said ~~*Alu* element~~ predetermined genomic DNA in any non-human primate genome, ~~largely absent from non-human primates,~~ the amplification being intra-*Alu* polymerase chain reaction amplification; and

measuring the amount of the human DNA by comparing the amplified DNA with a reference.

23. (New) The process of claim 1, wherein each of said primers includes a subfamily-specific diagnostic mutation.

24. (New) The process of claim 21, wherein each of said primers includes a subfamily-specific diagnostic mutation.